Index of Claims

| Application No.   | Applicant(s) |   |
|-------------------|--------------|---|
| 10/785,628        | LIU ET AL.   | • |
| Examiner          | Art Unit     |   |
| Daniell L. Negrón | 2651         |   |

| <b>√</b> | Rejected |
|----------|----------|
| l_       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                        |                                  | _        |              |          |                |  | ,  |                                     | Щ.   |                 |  |  |
|------------------------|----------------------------------|----------|--------------|----------|----------------|--|--|-------------------------------------|--|-----------------|--|--|
| Cla                    | aim                              | Date     |              |          |                |  |  |                                     |  |                 |  |  |
| Finaf                  | Original                         | 2/4/05   |              |          |                |  |  |                                     |  |                 |  |  |
|                        | 1                                | 4        | -            | $\vdash$ | $\vdash$       |  | ⇈  |                                     | T  | Н               |  |  |
|                        | 1<br>2<br>3<br>4<br>5<br>6       | マ        | M            |          | $\vdash$       |  | Г  |                                     | $\vdash$   | Ħ               |  |  |
|                        | 3                                | 2000     |              |          |                |  |  |                                     | }  |                 |  |  |
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|                        | 5                                | O        | _            | L_       | <u>L</u>       | L  | 乚  | _                                   | _  | Ш               |  |  |
| <u> </u>               | 6                                | V        |              |          | ┖              |  | _  | <u> </u>                            | <u> </u>   | Ш               |  |  |
|                        | 7                                | Ă        | -            | _        | <u> </u>       | ļ.,  | ļ  |                                     | <u> </u>   | Н               |  |  |
|                        | 9                                | 000      | <u> </u>     | ┝        |                | ┝  | ├-   | _                                   | ├  | Н               |  |  |
|                        | 10                               | 13       | -            | ├        | ┢              |  | ⊢  | ├                                   | ⊢  | Н               |  |  |
|                        | 11                               | 13       | <del> </del> | ├─       | ┢              | ┢  | $\vdash$   | -                                   | ┢  | Н               |  |  |
|                        | 12                               | Ž        | H            | ┢        | $\vdash$       | $\vdash$   | $\vdash$   | $\vdash$                            | ┢  | H               |  |  |
|                        | 11<br>12<br>13<br>14<br>15<br>16 | -        |              | $\vdash$ | T              | $\vdash$   | <del>                                     </del> | Ι-                                  | $\vdash$   | Н               |  |  |
|                        | 14                               |          |              |          | $\vdash$       | 1  | 1  | Т                                   | Г  | Н               |  |  |
|                        | 15                               |          |              |          |                |  |  |                                     |  | П               |  |  |
|                        | 16                               |          |              |          |                |  |  |                                     |  |                 |  |  |
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|                        | 18<br>19                         |          |              |          |                |  |  |                                     |  |                 |  |  |
|                        | 19                               |          |              |          |                | L  |  | <u> </u>                            |  |                 |  |  |
|                        | 20                               |          |              |          | _              | _  | ᆫ  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | Ш               |  |  |
|                        | 21                               |          |              |          | _              | <u> </u>   | ╙  | <u> </u>                            | <u> </u>   | Ш               |  |  |
|                        | 22                               | -        |              |          | _              | <b> </b>   | ⊢  | _                                   |  | $\vdash \vdash$ |  |  |
|                        | 21<br>22<br>23<br>24<br>25       | <u> </u> |              | -        | ├              | ┢  | ┢  | $\vdash$                            | ⊢  | Н               |  |  |
|                        | 25                               | H        | -            |          | ├─             | ┢  | ┢  | -                                   | ┢  | Н               |  |  |
|                        | 26                               | $\vdash$ | -            | -        | $\vdash$       | <del>                                     </del> |  |                                     | <del>                                     </del> | Н               |  |  |
|                        | 27                               |          |              |          | $\vdash$       | П  |  |                                     | T  | П               |  |  |
|                        | 28                               |          |              |          |                |  |  |                                     |  |                 |  |  |
|                        | 29                               |          |              |          |                | Ĺ  |  |                                     |  |                 |  |  |
|                        | 30                               |          |              |          | L              |  | <u> </u>   |                                     | L  | Ш               |  |  |
|                        | 31                               | ļ        |              |          | <u> </u>       | <u> </u>   | _  | L                                   | _  | Щ               |  |  |
|                        | 32<br>33                         | $\vdash$ |              |          | <u> </u>       | L  | ļ  | _                                   | <u> </u>   | Н               |  |  |
|                        | 33                               |          | _            | _        | <del> </del>   | _  | ├  | -                                   | ├  | Н               |  |  |
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|                        | 36                               | $\vdash$ |              | -        | ┝              | <del> </del>                                     |  | <del> </del>                        |  | $\vdash$        |  |  |
|                        | 37                               | H        | _            | $\vdash$ |                | -  |  | $\vdash$                            | H  | H               |  |  |
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|                        | 39                               |          |              |          |                |  |  |                                     |  | П               |  |  |
|                        | 40                               |          |              |          |                |  |  |                                     |  |                 |  |  |
|                        | 41                               |          |              |          | $\Box$         |  |  |                                     |  |                 |  |  |
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|                        | 43                               | $\sqcup$ |              | _        | L              | <u> </u>   | $\vdash$   |                                     | Ц  | Ш               |  |  |
|                        | 44                               | Щ        |              | _        | <u> </u>       | <u> </u>   | <u> </u>   | <u> </u>                            | <u> </u>   | Щ               |  |  |
|                        | 45                               | Н        |              | _        | $\vdash$       | _  | $\vdash$   | <u> </u>                            | $\vdash$   | Щ               |  |  |
|                        | 46<br>47                         | $\vdash$ | _            | -        | $\vdash$       | H  | $\vdash$   |                                     | $\vdash$   | Н               |  |  |
|                        | 48                               | Н        | -            | H        | -              | $\vdash$   | H  | $\vdash$                            | $\vdash$   | $\dashv$        |  |  |
| $\vdash \dashv$        | 49                               |          |              | -        | -              | -  | H  | H                                   | $\vdash$   | $\dashv$        |  |  |
|                        | 50                               | Н        | -            | _        | <del>  -</del> | $\vdash$   | $\vdash$   | _                                   |  | $\vdash$        |  |  |

| Cla       | aim      |                |         |          |  | Dat      | <u> </u> |  |          |          | 1   | Cla   | im       | i        |          |        | 1                 | Date     |              |          |          |          |
|-----------|----------|----------------|---------|----------|--|----------|----------|--|----------|----------|-----|-------|----------|----------|----------|--------|-------------------|----------|--------------|----------|----------|----------|
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| rınaı     | Original | 10/1/2         |         |          |  |          |          |  |          |          |     | Final | Original |          |          |        |                   |          |              |          |          |          |
|           | 1        | 1              | -       | ├        | ├  | $\vdash$ | $\vdash$ | H  | $\vdash$ |          | ł   |       | 51       |          |          |        | _                 | _        | _            | _        |          | L        |
| -         | 2        | J              | ۲       | ╁        | ⊢  | ├-       | ╁        | $\vdash$   | $\vdash$ | ┢        | 1   | _     | 52       | Н        |          | _      | -                 | $\vdash$ | $\vdash$     | Η,       | -        | -        |
| _         | 3        |                | ┝       | ⊢        | ⊢  | ┢        | ┢        | ┝  | ⊢        | ⊢        | ┨   |       | 52       | Н        | _        |        |                   | -        |              | Н        | H        | Н        |
|           |          | 2              | Ŀ       |          | ⊢  | -        | -        | <u> </u>   | ╄        | -        | ┨   | _     | 53       | Н        |          | _      |                   | <u> </u> | <u> </u>     | _        |          | _        |
| _         | 4        | Ŏ              |         | ├        | ┞  | ⊢        | ⊢        | Ь.   | <u> </u> |          |     |       | 54       | Ш        |          |        | <u> </u>          | _        | _            | $\vdash$ |          | <u> </u> |
|           | 5        | 0              | _       | ╙        | ┞  | <u> </u> | <b>L</b> | <u> </u>   | L        | _        | ļ   |       | 55       | Ш        |          |        |                   | _        | <u> </u>     | _        |          |          |
|           | 6        | $\vee$         |         | _        | L  | ┕        | _        | <u> </u>   | <u> </u> | _        |     |       | 56       |          |          |        |                   | <u> </u> | L            |          |          |          |
|           | 7        | $\checkmark$   |         | L        | _  | L.       | L        | <u> </u>   | 匚        | _        | 1   |       | 57       | L        |          |        | L_                | L        | L            | L        |          |          |
|           | 8        | 0              |         | _        |  |          | L        | _  | L        | _        | 1   |       | 58       |          |          |        |                   |          | L            |          |          |          |
|           | 9        | 0              |         | L        | _  |          | L        | L  | L        | <u></u>  | 1   |       | 59       | Ш        |          |        |                   | L        |              |          |          |          |
|           | 10       | 0              | L       | L_       | L  |          |          | <u>L</u>   |          |          | j   |       | 60       | Ш        |          |        | L                 | L        |              |          |          |          |
|           | 11       | $ \mathbf{V} $ |         | L        | L  | L        | <u> </u> | L  | L        |          | ]   |       | 61       | Ш        |          |        | $ldsymbol{f eta}$ |          | 匚            |          |          |          |
|           | 12       | V              |         | _        | ┖  |          |          | L  | 乚        | L        |     |       | 62       |          |          |        |                   |          |              |          |          |          |
|           | 13       | L              |         |          |  | L        |          | L  | L        | L        | ]   |       | 63       | $\Box$   |          |        |                   |          |              |          |          |          |
|           | 14       |                |         |          | <u>.                                    </u> |          |          |  |          |          | J · |       | 64       |          |          |        |                   |          |              |          |          |          |
|           | 15       |                |         |          |  | <u> </u> | _        | L  | L        |          |     |       | 65       |          |          |        |                   |          |              |          |          |          |
|           | 16       |                |         | L        |  |          |          |  |          |          |     |       | 66       |          |          |        |                   | Ĺ        |              |          |          |          |
|           | 17       |                |         |          |  |          |          | L  |          |          |     |       | 67       |          |          |        |                   |          |              |          |          |          |
|           | 18       |                |         |          |  |          |          |  |          |          |     |       | 68       |          |          |        |                   |          |              |          |          |          |
|           | 19       |                |         |          |  |          |          |  |          |          |     |       | 69       |          |          |        |                   |          |              |          | П        |          |
|           | 20       |                |         |          |  |          |          |  |          |          |     |       | 70       |          |          |        |                   |          |              |          |          |          |
|           | 21       |                |         |          |  |          |          |  |          |          |     |       | 71       |          |          |        |                   |          |              |          |          |          |
|           | 22       |                |         |          | L  | L        | L        |  |          | L        |     |       | 72       |          |          |        |                   |          |              |          |          |          |
|           | 23       |                |         | L        | L  | L        | L        |  | 匚        |          |     |       | 73       |          |          |        |                   |          |              |          |          |          |
|           | 24       |                |         |          | <u> </u>                                     | L        | L        | <u> </u>   | L        |          |     |       | 74       | Ш        |          |        |                   |          |              |          |          |          |
|           | 25       | L.             | L       | L.       | L  | _        | L        | L  |          | _        |     |       | 75       |          |          |        |                   |          | $oxed{oxed}$ |          | Ш        |          |
|           | 26       |                | <u></u> | L.       | <u> </u>                                     | <u> </u> |          |  | L        | L.       |     |       | 76       | Ц        |          |        |                   |          |              |          |          |          |
|           | 27       | Ŀ              |         | _        | <u> </u>                                     |          | _        | <u> </u>   | L        | <u> </u> |     |       | 77       | Щ        |          |        |                   | L        |              |          | Ш        | _        |
| _         | 28       | L.             |         | <u> </u> | _  | _        | _        | _  | <u> </u> | _        |     |       | 78       |          |          |        |                   |          | L            | Ш        |          |          |
| _         | 29       |                |         | <u> </u> | <u> </u>                                     | <u> </u> | ļ        | <u> </u>   | _        | _        |     |       | 79       |          |          |        |                   |          | _            |          | Ш        |          |
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| $\dashv$  | 39       |                |         | -        | -  | -        |          | <del>                                     </del> | -        | ⊢        | 1   |       | 89       | $\vdash$ | -        | -      |                   | -        | -            |          | $\vdash$ |          |
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|           | 42       | Н              |         |          | <u> </u>                                     | H        | $\vdash$ |  |          | ┝        | 1   |       | 92       | $\dashv$ | _        |        |                   |          |              | -        | $\dashv$ | -        |
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|           | 50       |                |         |          |  |          |          |  |          |          |     |       | 100      |          |          |        |                   |          |              |          |          |          |
|           |          |                |         |          |  |          |          |  |          |          |     |       |          |          |          |        |                   |          |              |          |          |          |

|          | ,                 | Ц               | Ь            |          |                |              |              |          | J  |   |  |
|----------|-------------------|-----------------|--------------|----------|----------------|--------------|--------------|----------|--|---|--|
| Cli      | aim               | Date            |              |          |                |              |              |          |  |   |  |
|          |                   |                 | Г            |          | Γ              | <u> </u>     | Ī            |          |  | П |  |
| Final    | ا يق              |                 |              |          |                |              |              |          |  |   |  |
| 证        | Original          |                 |              |          |                |              |              |          | ]  |   |  |
|          |                   | ·               | L            | L.       | _              |              | L            | L        |  | Ш |  |
|          | 101               | _               |              | L        | L              | _            | Ц.           | _        | 匚  | Ш |  |
|          | 102<br>103        | <u> </u>        | <u> </u>     | L        | <u> </u>       |              | _            | <u> </u> | <u> </u>   | Щ |  |
|          | 103               | ⊢               | ⊢            | ⊢        | <del> </del>   | $\vdash$     | <u> </u>     | <u> </u> | <u> </u>   | Н |  |
|          | 104               | ⊢               | -            | -        | <u> </u>       | ⊢            | ├            | -        | ┝  | Н |  |
| -        | 105<br>106        | ┝               | $\vdash$     | ├        | -              | ┢            | ⊢            | ├        | ├-   | Н |  |
|          | 107               | ⊢               | $\vdash$     | $\vdash$ | <del> </del> — | $\vdash$     | ┢            | -        | ┢  | Н |  |
|          | 108               | H               | $\vdash$     | $\vdash$ | ١.             |              | $\vdash$     | ┢╾       | ┢  | H |  |
|          | 109               | _               |              |          |                |              | T            | $\vdash$ | ┢  | H |  |
|          | 110               | $\vdash$        | $\vdash$     |          |                | İ            |              |          | Г  | Ħ |  |
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| _        | 112               |                 |              |          |                |              |              |          |  |   |  |
|          | 113<br>114<br>115 |                 | L            |          |                |              |              |          |  |   |  |
|          | 114               |                 | <u> </u>     | L        | L              | <u> </u>     | _            |          | <u> </u>   | Ш |  |
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|          | 117               | _               | _            | <u> </u> | ļ              | 1_           |              | _        | _  | Ш |  |
| <u> </u> | 118               | _               | <u> </u>     | _        | <u> </u>       |              | _            |          | _  | Ш |  |
| ļ        | 119               | H               | <u> </u>     | <u> </u> | ├-             | -            | -            | <u> </u> | $\vdash$   | Н |  |
| <u> </u> | 120               | -               | -            | -        | -              | -            | -            | _        | ⊢  | Н |  |
| $\vdash$ | 122               | -               | -            | ⊢        | -              | _            | -            | -        | $\vdash$   | Н |  |
| $\vdash$ | 121<br>122<br>123 | -               | $\vdash$     | -        | $\vdash$       | -            | -            | -        |  | H |  |
|          | 124               | Т               | <u> </u>     | H        |                | ┢            | <del> </del> | $\vdash$ | <del>                                     </del> | Н |  |
|          | 124<br>125<br>126 |                 | _            |          | -              | <u> </u>     |              |          | -  | Н |  |
|          | 126               |                 | $\vdash$     |          |                | Т            |              |          |  | Ħ |  |
|          | 127               |                 |              |          |                |              |              |          |  | П |  |
|          | 127<br>128<br>129 |                 |              |          |                |              |              |          |  |   |  |
|          | 129               |                 |              |          | L              |              | L            |          |  |   |  |
|          | 130<br>131        |                 |              | L.       |                |              | L_           | <u> </u> | <u> </u>   | Ш |  |
|          | 131               | _               |              | <u> </u> |                |              | _            | <u> </u> | <u> </u>   | Ц |  |
|          | 132<br>133        |                 | L            | L        | <u> </u>       |              | L            |          | <u> </u>   | Н |  |
|          | 133               | $\vdash$        |              | ⊢        | $\vdash$       | $\vdash$     | $\vdash$     |          | ┡  | Н |  |
| -        | 135               | -               | ⊢            | ├┈       | $\vdash$       | $\vdash$     | ┝            | $\vdash$ | -  | Н |  |
|          | 136               | $\vdash$        | <del> </del> | $\vdash$ | $\vdash$       | H            | -            | H        | -  | H |  |
|          | 137               | $\vdash$        | $\vdash$     |          | $\vdash$       | $\vdash$     | Н            | H        | -  | Н |  |
|          | 138               |                 | $\vdash$     |          |                | Г            | H            | ┢        | ┢╌   | Н |  |
|          | 138<br>139        |                 | Г            | Г        | Т              | Г            | Г            | Г        |  | Н |  |
|          | 140               |                 |              |          |                |              |              |          | Π  | П |  |
|          | 141               |                 |              |          |                |              |              |          |  |   |  |
|          | 142               |                 |              |          |                |              |              |          |  |   |  |
|          | 143               |                 |              |          |                |              |              |          |  |   |  |
|          | 144               |                 | L            | L        |                | $oxed{\Box}$ |              |          |  | Ш |  |
|          | 145               | $\square$       | lacksquare   | L        | L              | <u></u>      |              |          |  | Ш |  |
|          | 146               | <u> </u>        | $\vdash$     | ļ        | _              | $\vdash$     | L            | L        | _  | Ш |  |
|          | 147               | $\vdash \vdash$ | $\vdash$     | Щ        | _              | $\vdash$     | <u> </u>     | <u> </u> |  | Ш |  |
|          | 148               | $\vdash$        | $\vdash$     | <u> </u> | <u> </u>       | $\vdash$     | -            | -        |  | Н |  |
|          | 149               | $\vdash$        | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$     | Ь.       | $\vdash$   | Н |  |
|          | 150               |                 |              | L        | L              | L            | Ц            | لـــا    |  | ш |  |